## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	221	48/127.9.ccls. and hydrogen with (perm\$5 or membrane or penetrat\$4 or pass\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/09 14:33
L7	70	48/127.9.ccls. and hydrogen with (perm\$5 or membrane or penetrat\$4 or pass\$4) and endotherm\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/09 15:52
L8	25	48/128.ccls. and hydrogen with (perm\$5 or membrane or penetrat\$4 or pass\$4) and endotherm\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/09 15:53
S1	761	423/650.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:43
S2	88	423/650.ccls. and (fluid\$6 near4 bed)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 15:16
S3	11	grace-john.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:44
S4	0	lim-choon.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:44
<b>S</b> 5	0	adras-alaa-eldin.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:45
S6	0	adras-alaa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:45
S7	1	xie-donglai.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:45
S8	8	boyd-david.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:57

## **EAST Search History**

S9	0	wolfs-warren.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:57
S10	0	brereton-clive.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 13:57
S11	4	"6331283"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 14:05
S12	50	"5326550"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR .	ON	2005/10/21 14:05
S13	259	423/650-654.ccls. and (fluid\$6 near4 bed)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 15:25
S14	12	423/650-654.ccls. and (fluid\$6 near4 bed) and (particulat\$5 with catalys\$) and (endotherm\$5 same exotherm\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 16:54
S15	6	423/650-654.ccls. and (fluid\$6 near4 bed) and (endotherm\$5 same exotherm\$5 same (permeabl\$4 or barrier or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 17:52
S16	13	"2698281"	USPAT	OR	OFF	2005/10/21 17:48
S17	1	423/650-654.ccls. and (fluid\$6 near4 bed) and ((endotherm\$5 with dehydrogen\$5)same (exotherm\$5 with oxidat\$5)same (permeabl\$4 or barrier or membrane))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 17:53
S18	1	423/650-654.ccls. and (fluid\$6 near4 bed) and ((endotherm\$5 with dehydrogen\$5)same (exotherm\$5 with oxidat\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 17:54
S19	3	423/650-654.ccls. and (fluid\$6 near4 bed) and ((endotherm\$5 same dehydrogen\$5)same (exotherm\$5 same oxidat\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2005/10/21 17:54
S20	1	"2698281".pn.	USPAT	OR	OFF	2006/05/02 12:26
S21	0	"20050036940"	USPAT	OR	OFF	2006/05/02 12:26
S22	1	"20050036940"	US-PGPUB	OR	OFF	2006/05/02 12:26

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## **EAST Search History**

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S23	13	(hydrogen with (produc\$4 or obtain\$4 or yield\$4 or procur\$4 or mak\$4)) same (endotherm\$4 with exotherm\$4) same membran\$4	USPAT	OR .	OFF	2006/05/02 12:30
S24	15	("3108857"   "5229102"   "5326550"   "5496531"   "5588974"   "5637259"   "5639431"   "5674301"   "5714092"   "5741474"   "5766557"   "6066307").PN. OR ("6331283").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:16
S25	0	amonukando	US-PGPUB; USPAT; USOCR	OR .	OFF	2006/05/02 15:16
S26	17	"6221280"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:18
S27	16	isogaya.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:27
S28	5062	hydrogen near2 (permea\$4 or membran\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:27
S29	2085	hydrogen near2 (permea\$4 or membran\$4) same (produc\$4 or obtain\$4 or yield\$4 or procur\$4 or mak\$4) with hydrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:28
S30	- 2085	(hydrogen near2 (permea\$4 or membran\$4)) same (produc\$4 or obtain\$4 or yield\$4 or procur\$4 or mak\$4) with hydrogen	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:29
S31	15	(hydrogen near2 (permea\$4 or membran\$4)) same (produc\$4 or obtain\$4 or yield\$4 or procur\$4 or mak\$4) with hydrogen same (endotherm\$5 same exotherm\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/02 15:31